SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: TADASHI OKAMOTO

(ii) TITLE OF INVENTION: PROCESS FOR DETECTING TARGET NUCLEIC ACID, PROCESS FOR QUANTIFYING THE SAME, AND PYRYLIUM COMPOUND FOR CHEMILUMINESCENCE ANALYSIS

(iii) NUMBER OF SEQUENCES: 4

(iv) CORRESPONDENCE ADDRESS:
- (A) ADDRESSEE: FITZPATRICK, CELLA, HARPER & SCINTO
- (B) STREET: 30 ROCKEFELLER PLAZA
- (C) CITY: NEW YORK
- (D) STATE: NEW YORK
- (E) COUNTRY: UNITED STATE OF AMERICA
- (F) ZIP: 10112-3801

(v) COMPUTER READABLE FORM:
- (A) MEDIUM TYPE: DISKETTE: 3.50 INCH, 144 MB STORAGE
- (B) COMPUTER: IBM
- (C) OPERATING SYSTEM: MS-DOS
- (D) SOFTWARE: PATENTIN VER. 2.0

(vi) CURRENT APPLICATION DATA:
- (A) APPLICATION NUMBER: 08/943,019
- (B) FILING DATE: OCTOBER 2, 1997

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:
- (A) LENGTH: 17 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid
- (A) DESCRIPTION: /desc = "SYNTHETIC DNA"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

GTTTTCCCAG TCACGAC 17

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 22 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid
(A) DESCRIPTION: /desc = "SYNTHETIC DNA"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

ATGCTGGCCG TGACGCACAG CA 22

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 17 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid
(A) DESCRIPTION: /desc = "SYNTHETIC RNA"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

GTTTTCCCAG TCACGAC 17

(2) INFORMATION FOR SEQ ID NO: 4

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 17 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid
(A) DESCRIPTION: /desc = "SYNTHETIC DNA"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

GTTTTCCCAG TCACGAC 17